



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : D21H 17/68	A1	(11) International Publication Number: WO 99/51815 (43) International Publication Date: 14 October 1999 (14.10.99)
<p>(21) International Application Number: PCT/GB99/00888</p> <p>(22) International Filing Date: 1 April 1999 (01.04.99)</p> <p>(30) Priority Data: 9807180.6 4 April 1998 (04.04.98) GB</p> <p>(71) Applicant (for all designated States except US): ECC INTERNATIONAL LTD. [GB/GB]; 1015 Arlington Business Park, Theale, Reading, Berkshire RG7 4SA (GB).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): HUSBAND, John, Claude [GB/GB]; 32 Parkway, St. Austell, Cornwall PL25 4HR (GB). PAYTON, Desmond, Charles [GB/GB]; 70 Roslyn Close, St. Austell, Cornwall PL25 3UR (GB). RENALS, Michele, Susan [GB/GB]; 24 Eaton Road, St. Austell, Cornwall PL25 3UH (GB).</p> <p>(74) Agent: McCORMACK, Derek, James; ECC International Ltd., Patents Dept., John Keay House, St. Austell, Cornwall PL25 4DJ (GB).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>
(54) Title: PIGMENT PRODUCTS		
<p>(57) Abstract</p> <p>A pigment product suitable for use in a coating composition to provide a gloss coating on paper, the pigment product comprising a processed particulate kaolin whose particles have a particle size distribution such that at least 80 % by weight of the particles have an equivalent spherical diameter less than 2 μm and not less than 8 %, preferably not less than 12 %, by weight of the particles have an equivalent spherical diameter less than 0.25 μm and whose particles have a shape factor of at least 45, preferably at least 50.</p>		